

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-6 (Canceled)

Claim 7 (Currently Amended): A method for extracting preparing a crude extract containing one or more acetogenin compound, the crude extract being suitable for administration to a human subject, the method comprising the steps of:

- (a) obtaining one or more twig, unripe fruit, seed, bark or other bioactive plant part, or any combination thereof, the one or more twig, unripe fruit, seed, bark or other bioactive plant parts containing one or more acetogenin compound and being of a genus selected from the group consisting of *Asimina Asimona*, Annona, Goniothalamus, Uvaria, Disepalum, Xylopia, and Rollina;
- (b) drying the one or more twig, unripe fruit, seed, bark or other bioactive plant parts in a forced air drier at less than 50°C to form a mass;
- (c) placing the mass in a sieve to form a sieved product;
- (d) pulverizing the sieved product in a chipper to form a pulverized product;
- (e) placing the pulverized product in percolator;
- (f) (e) performing at least one water extraction on the pulverized product;
- (g) (f) performing at least one ethanol extraction on the pulverized product to provide an ethanolic extract;
- (h) (g) concentrating the ethanolic extract, in vacuo, at about 50°C, to form a syrup;
- (i) (h) allowing the syrup to settle into a crude extract layer and a water layer;
- (j) (i) removing the water layer from the crude extract layer to form a concentrate the crude extract containing one or more acetogenin compound;
- (k) (j) standardizing the crude extract for zero percent moisture and an LC₅₀ of 0.5 ppm in a BST; and

(k) spray drying the ~~concentrate~~ crude extract onto an inert carrier to facilitate encapsulation or tableting.

Claim 8 (Canceled)

Claim 9 (Currently Amended): ~~The A method of claim 7, further for preparing a crude extract containing one or more acetogenin compound, the crude extract being suitable for administration to a human subject, the method comprising the steps of:~~

- (a) obtaining one or more plant parts containing one or more acetogenin compound and being of a genus selected from the group consisting of Asimona, Annona, Goniothalamus, Uvaria, Disepalum, Xylopia, and Rollina;
- (b) drying the one or more plant parts to form a mass;
- (c) placing the mass in a sieve to form a sieved product;
- (d) pulverizing the sieved product to form a pulverized product;
- (e) performing at least one water extraction on the pulverized product;
- (f) performing at least one ethanol extraction on the pulverized product to provide an ethanolic extract;
- (g) concentrating the ethanolic extract to form a syrup;
- (h) allowing the syrup to settle into a crude extract layer and a water layer;
- (i) removing the water layer from the crude extract layer to form a the crude extract containing one or more acetogenin compound; and
- (j) standardizing the crude extract for a range ~~on~~ of 10-40% moisture, and an LC₅₀ value in a range of 0.2-0.8 ppm in a BST.

Claims 10-14 (Canceled)

Claim 15 (Currently Amended) A method for ~~extracting~~ preparing a crude extract containing one or more acetogenin compound, the method comprising:

- (a) obtaining one or more ~~twig, unripe fruit, seed, bark or other bioactive plant part, or any combination thereof, the one or more twig, unripe fruit, seed, bark or other bioactive plant parts containing one or more acetogenin compound, the one or more plant parts being of a genus chosen from: Asimina Asimona, Annona, Goniothalamus, Uvaria, Disepalum, Xylopia, and Rollinia;~~;
- (b) drying the one or more ~~twig, unripe fruit, seed, bark or other bioactive plant parts to form a mass;~~
- (c) performing at least one water extraction on the mass;
- (d) performing at least one alcohol extraction on the mass to provide an alcohol extract;
- (e) concentrating the alcohol extract; and
- (f) removing water from the alcohol extract to form a the crude extract containing one or more acetogenin compound; and
- (g) standardizing the crude extract for zero percent moisture and an LC₅₀ of 0.5 ppm in a BST.

Claim 16 (Currently Amended): The method of claim 15, further comprising:

- (a) pulverizing the one or more ~~twig, unripe fruit, seed, bark or other bioactive plant parts~~ before performing the at least one water and at least one alcohol extraction.

Claim 17 (Currently Amended): The method of claim 15, further comprising:

- (a) allowing the concentrated alcohol extract to settle into a crude extract layer and a water layer before removing water from the alcohol extract.

Claim 18 (Currently Amended): The method of claim 15, further comprising:

- (a) spray drying the crude extract onto an inert carrier to facilitate encapsulation or tabletting.

Claim 19 (Previously Presented): The method of claim 15, wherein the alcohol extraction is an ethanol extraction.

Claim 20 (Currently Amended): The A method of claim 15, further for extracting preparing a crude extract containing one or more acetogenin compound, the method comprising:

- (a) obtaining one or more plant parts containing one or more acetogenin compound, the one or more plant parts being of a genus chosen from Asimona, Annona, Goniothalamus, Uvaria, Disepalum, Xylopia, and Rollinia;
- (b) drying the one or more plant parts to form a mass;
- (c) performing at least one water extraction on the mass;
- (d) performing at least one alcohol extraction on the mass to provide an alcohol extract;
- (e) concentrating the alcohol extract; and
- (f) removing water from the alcohol extract to form the crude extract containing one or more acetogenin compound; and
- (g) standardizing the crude extract for a range on 10-40% moisture, and an LC₅₀ value in a range of 0.2-0.8 ppm in a BST.

Claim 21 (New): The method of claim 20, further comprising:
pulverizing the one or more plant parts before performing the at least one water and at least one alcohol extraction.

Claim 22 (New): The method of claim 20, further comprising:
allowing the concentrated alcohol extract to settle into a crude extract layer and a water layer before removing water from the alcohol extract.

Claim 23 (New): The method of claim 20, further comprising:
spray drying the crude extract onto an inert carrier to facilitate encapsulation or tableting.

Claim 24 (New): The method of claim 20, wherein the alcohol extraction is an ethanol extraction.